ALBERTA POPULATION GROWTH

THIRD QUARTER, 1989

fifty ABS

Alberta

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Bureau of Statistics

CANADIAN
APR 1 0 1990

Message From the Provincial Treasurer

I am delighted to congratulate the Alberta Bureau of Statistics for serving Albertans successfully for 50 years.

Since 1939, ABS has reported on Alberta as it shaped itself socially and economically into a diverse and dynamic province...a province rich in culture and industry. Exciting changes in the last half century include a population that has more than tripled in size; urban communities that have grown to over a half a million; an agricultural industry that has expanded into world-wide markets; and new industries that have broadened our economy.

Alberta fosters a dynamic rural community while continually developing our natural resources, manufacturing and service industries to keep our province robust and prosperous. In our increasingly diversified economy, advanced technology has created new jobs and new opportunities, tourism has become Alberta's third largest industry, and forestry has become a powerful influence.

ABS continues to track these changes by analyzing information from many sources and making it available to all Albertans. Meeting the challenge of the future, the Bureau uses the ASIST database to distribute a wealth of information electronically for many regions of the province.

I applaud all those dedicated employees, both past and present, who have provided these valuable services. The contributions of ABS help keep us close to the people and Province of Alberta. I wish the Bureau every success in its next half century.

Dick Johnston
Provincial Treasurer

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THIRD QUARTER, 1989

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PREFACE

This publication presents up-to-date information on quarterly population estimates and growth components (births, deaths and migration) for the Province of Alberta. These statistics are derived using administrative data files obtained from several government agencies.

Data are also computer-accessible via ASIST (Alberta Statistical Information System) matrices #6128, 6130, 6140 and 6141. Enquiries concerning the publication or requests for additional copies or previous quarterly reports should be directed to:

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INTRODUCTION

This publication presents the most recent population estimates and growth components (births, deaths and migration) for Alberta for the third quarter of 1989. Also incorporated are the statistics on interprovincial migration flows between Alberta and other provinces, population growth components by census year (1981-89), and population by single years of age and sex for June 1, 1988 and 1989.

An analysis of recent trends is provided in the following section. Detailed population data are presented in Tables 1 to 6. Three charts are also included in this report. Figures 1 and 2 show trends in population growth and interprovincial migration from 1981 to 1989. Figure 3 illustrates population exchange between Alberta and other provinces for the third quarter of 1989.

The appendix contains a brief description of the methodology and data sources used in deriving these statistics.

REVIEW OF THE DATA

Not since 1982 has the population exchange with other provinces been so strongly in Alberta's favour. In the third quarter of 1989, the number of in-migrants coming to Alberta exceeded those leaving for other provinces by 2,600. This more than doubled last year's gain for the same time period, and boosted total net migration (other provinces and countries) to over 4,600 in the third quarter.

Quarterly Growth

- In the third quarter, the province's population grew by 11,850 to 2,446,300 on October 1, 1989 (Table 1). This quarterly growth was the largest gain since the second quarter of 1982.

- The higher growth was due to a shift from negative to positive interprovincial migration. Compared to a loss of 810 in the previous quarter, net interprovincial migration grew 2,590 in the third quarter, the first growth in the last four quarters (Tables 2 and 3).

- The interprovincial flows during the quarter were 22,250 into, and 19,660 out of Alberta. While British Columbia continued to be the main destination for Alberta's out-migrants, Ontario was the main source for Alberta's in-migrants. In the third quarter, 5,970 people (27% of all in-migrants) moved to Alberta from Ontario, and 9,050 Albertans (46%) relocated to B. C. (Table 3 and Figure 3).

- The improvement in interprovincial migration has resulted in a higher net migration over the last three months to 4,630 from 2,780 in the second quarter.

- Net international migration was estimated at 2,040, slightly more than last year's gain of 1,690 for the same quarter, (Table 2).

Annual Growth (year ending October 1, 1989)

- On an annual basis, the total population of Alberta increased by 38,200 (1.6%), 9,100 more growth than the previous year (Table 1).

- A significant reduction in the net out-migration to other provinces, from 6,500 to 400, was the main reason for the higher annual population growth (Table 2).

- Net international migration, as in the past years, contributed to the province's population growth. Between October 1, 1988 and October 1, 1989, the province had a net international migration of 9,400, 2,000 more than the preceding year.

- Natural increase (births less deaths), an important component of Alberta's population growth, increased slightly to 29,100 from 28,200 last year (Table 4).

FIGURE 1
POPULATION GROWTH
WITH MAJOR COMPONENTS
ALBERTA, 1981-1989

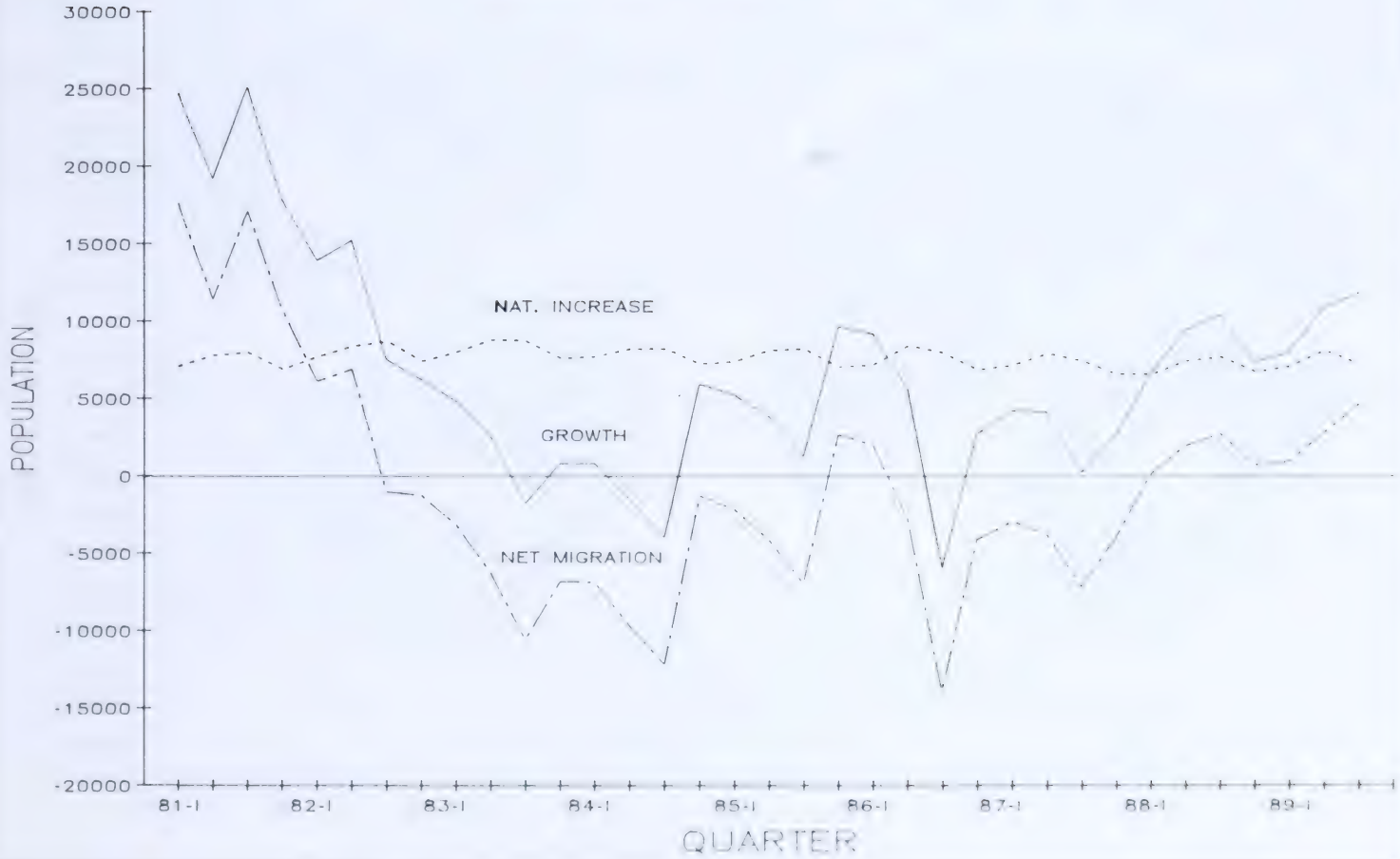


FIGURE 2

INTERPROVINCIAL MIGRATION
WITH MAJOR COMPONENTS
ALBERTA, 1981-1989

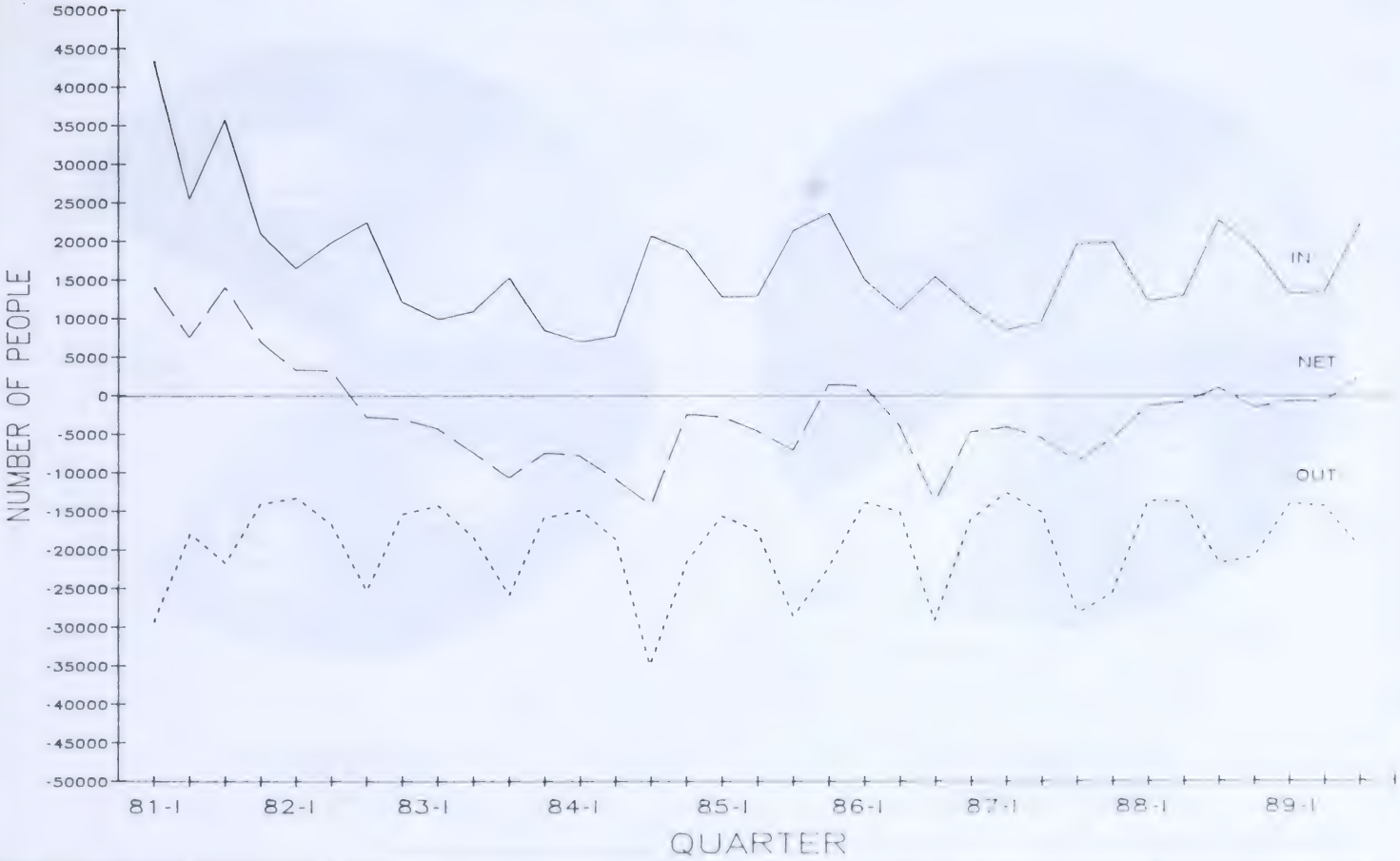
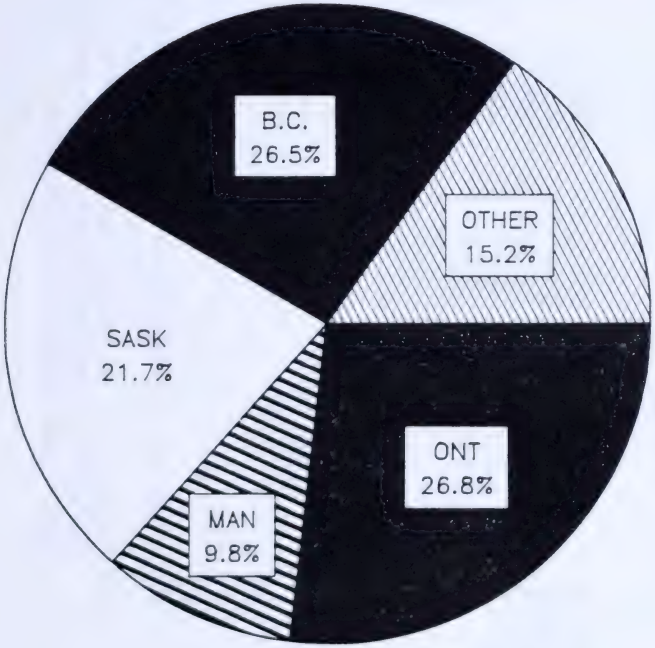
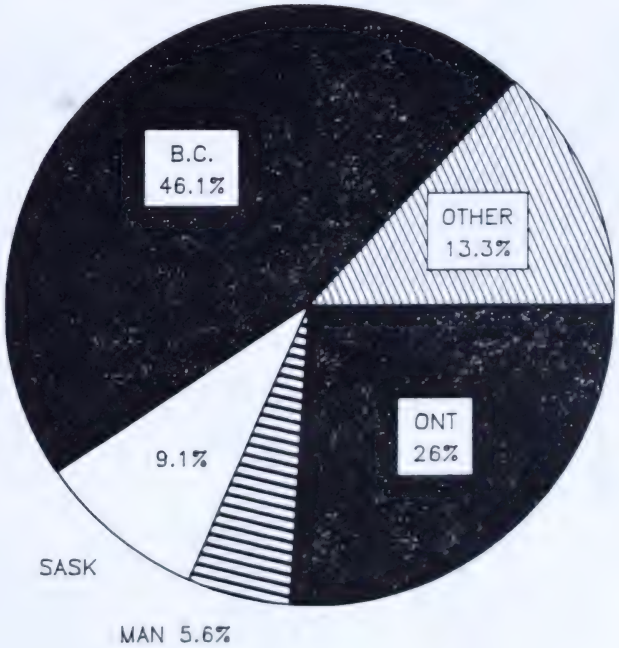


FIGURE 3
POPULATION EXCHANGE
ALBERTA AND OTHER PROVINCES
THIRD QUARTER, 1989



IN-MIGRATION
(22,250 PERSONS)



OUT-MIGRATION
(19,660 PERSONS)

TABLE 1

POPULATION GROWTH BY MAJOR COMPONENT
ALBERTA, 1986 TO 1989

Quarter	Natural Increase	Net Migration	Growth	Population
1986				
I	7,170	1,950	9,120	2,368,200
II	8,380	-2,780	5,600	2,373,800
III	7,930	-13,930	-6,000	2,367,800
IV	6,830	-4,130	2,700	2,370,500
TOTAL	30,310	-18,890	11,420	
1987				
I	7,160	-2,950	4,210	2,374,700
II	7,900	-3,810	4,090	2,378,800
III	7,390	-7,190	200	2,379,000
IV	6,550	-3,950	2,600	2,381,600
TOTAL	29,000	-17,900	11,100	
1988				
I	6,530	120	6,650	2,388,300
II	7,440	1,950	9,390	2,397,600
III	7,700	2,740	10,440	2,408,100
IV	6,700	690	7,390	2,415,500
TOTAL	28,370	5,500	33,870	
1989				
I	7,070	930	8,000	2,423,500
IIr	8,110	2,780	10,890	2,434,400
IIIp	7,220	4,630	11,850	2,446,300

Notes: Reference date for population is the first day of the subsequent quarter.
Total population is rounded to the nearest 100.
Data may not add to totals due to rounding.
Data can be retrieved via ASIST matrix 6128.
r: revised
p: preliminary

TABLE 2

MIGRATION BY COMPONENT
ALBERTA, 1986 TO 1989

	International			Interprovincial		
Quarter	Im-migration	Em-igration	Net	In Migration	Out Migration	Net
1986						
I	2,200	1,440	760	15,040	13,850	1,190
II	2,540	1,360	1,180	11,090	15,050	-3,960
III	2,540	2,730	-190	15,450	29,190	-13,740
IV	2,310	1,750	560	11,410	16,100	-4,690
TOTAL	9,590	7,280	2,310	52,990	74,190	-21,200
1987						
I	2,610	1,530	1,080	8,540	12,570	-4,030
II	3,090	1,400	1,690	9,640	15,140	-5,500
III	3,320	1,970	1,350	19,670	28,210	-8,540
IV	2,980	1,370	1,610	19,970	25,530	-5,560
TOTAL	12,000	6,270	5,730	57,820	81,450	-23,630
1988						
I	2,450	1,090	1,360	12,300	13,540	-1,240
II	3,900	1,160	2,740	13,000	13,790	-790
III	3,790	2,100	1,690	22,750	21,700	1,050
IV	3,660	1,440	2,220	19,260	20,790	-1,530
TOTAL	13,800	5,790	8,010	67,310	69,820	-2,510
1989						
I	2,580	990	1,590	13,260	13,920	-660
IIr	4,700	1,110	3,590	13,540	14,350	-810
IIIp	3,680	1,640	2,040	22,250	19,660	2,590

Notes: Data may not add to totals due to rounding.
Data can be retrieved via ASIST matrices 6128 and 6130.
r: revised
p: preliminary

TABLE 3

POPULATION EXCHANGE WITH OTHER PROVINCES
ALBERTA, 1988 TO 1989

Quarter	Migration	NFLD	PEI	NS	NB	QUE	ONT	MAN	SASK	BC	TERR	TOTAL
1988												
I	To Alta.	200	10	250	150	350	3240	790	2800	4270	270	12300
	From Alta.	210	90	280	140	350	3730	750	1370	6340	280	13540
	Net Exchange	-10	-80	-30	10	0	-490	40	1430	-2070	-10	-1240
II	To Alta.	160	60	280	230	580	3180	1090	2660	4490	270	13000
	From Alta.	220	80	320	260	460	3810	670	1300	6280	390	13790
	Net Exchange	-60	-20	-40	-30	120	-630	420	1360	-1790	-120	-790
III	To Alta.	560	160	790	650	1190	5540	2360	4610	6170	710	22740
	From Alta.	400	160	820	530	790	6530	1220	1650	9180	420	21690
	Net Exchange	160	0	-30	120	400	-990	1140	2960	-3010	290	1050
IV	To Alta.	400	50	620	450	630	4480	1910	3980	6050	700	19270
	From Alta.	280	170	600	400	600	5340	1370	1910	9570	550	20790
	Net Exchange	120	-130	20	50	30	-860	540	2070	-3520	150	-1530
TOTAL	To Alta.	1320	280	1930	1480	2750	16440	6140	14040	20970	1950	67310
	From Alta.	1110	500	2020	1320	2200	19410	4020	6240	31360	1640	69810
	Net Exchange	210	-220	-90	160	540	-2970	2130	7810	-10390	310	-2500

SEE NOTES AT END OF TABLE.

TABLE 3 (concluded)

POPULATION EXCHANGE WITH OTHER PROVINCES
ALBERTA, 1988 TO 1989

Quarter	Migration	NFLD	PEI	NS	NB	QUE	ONT	MAN	SASK	BC	TERR	TOTAL
1989												
I	To Alta.	270	20	400	170	620	2960	1190	2820	4310	500	13260
	From Alta.	170	50	290	370	370	3200	810	1480	6750	430	13920
	Net Exchange	100	-30	110	-200	250	-240	380	1340	-2440	70	-660
II	To Alta.	230	50	320	200	440	3250	1250	2780	4480	540	13540
	From Alta.	140	60	380	200	330	3370	850	1710	6910	400	14350
	Net Exchange	90	-10	-60	0	110	-120	400	1070	-2430	140	-810
IIIp	To Alta.	400	110	740	560	1030	5970	2180	4830	5890	540	22250
	From Alta.	370	130	670	380	550	5110	1100	1780	9050	510	19660
	Net Exchange	30	-20	70	180	480	860	1080	3050	-3160	30	2590

Notes: Data may not add to totals due to rounding.
Data can be retrieved via ASIST matrix 6130.
p: preliminary

TABLE 4

NATURAL INCREASE BY COMPONENT
ALBERTA, 1986 TO 1989

Quarter	Births	Deaths	Natural Increase
1986			
I	10,660	3,490	7,170
II	11,790	3,410	8,380
III	11,210	3,280	7,930
IV	10,300	3,470	6,830
TOTAL	43,960	13,650	30,310
1987			
I	10,450	3,290	7,160
II	11,280	3,380	7,900
III	10,690	3,300	7,390
IV	9,950	3,400	6,550
TOTAL	42,370	13,370	29,000
1988			
I	10,210	3,680	6,530
II	10,830	3,390	7,440
III	11,040	3,340	7,700
IV	10,260	3,560	6,700
TOTAL	42,340	13,970	28,370
1989			
I	10,550	3,480	7,070
IIr	11,550	3,440	8,110
IIIp	10,760	3,540	7,220

Notes: Data may not add to totals due to rounding.
Data can be retrieved via ASIST matrix 6128.
r: revised
p: preliminary

TABLE 5

POPULATION GROWTH BY CENSUS YEAR, BY COMPONENT
ALBERTA, 1981 TO 1989
(IN THOUSANDS)

			Natural Increase			Migration						
						International			Interprovincial			Total
Year	Population (June 1)	Growth	Births	Deaths	Net	Immig.	Emig.	Net	In	Out	Net	Net Migration
1981	2,237.3											
		77.2	44.0	13.2	30.8	20.6	7.3	13.2	98.0	64.8	33.3	46.5
1982	2,314.5											
		24.1	45.6	13.0	32.7	14.5	7.9	6.6	57.9	72.9	-15.1	-8.5
1983	2,338.7											
		-0.2	45.1	12.7	32.4	10.6	7.8	2.8	39.9	75.3	-35.4	-32.6
1984	2,338.5											
		10.1	44.2	13.0	31.2	9.5	5.4	4.1	64.5	89.8	-25.2	-21.1
1985	2,348.5											
		26.6	44.3	13.6	30.7	10.2	6.6	3.6	74.2	81.8	-7.7	-4.1
1986	2,375.1											
		2.6	43.3	13.4	29.9	10.4	7.4	3.0	46.2	76.5	-30.3	-27.3
1987	2,377.7											
		17.3	41.8	13.8	28.0	12.5	5.7	6.8	64.5	82.0	-17.5	-10.7
1988	2,395.0											
		35.2	43.2	13.8	29.4	13.8	5.8	8.0	68.9	71.1	-2.2	5.8
1989	2,430.2											

Note: Data may not add to totals due to rounding.

TABLE 6
POPULATION BY AGE AND SEX
ALBERTA, 1988 AND 1989

AGE	JUNE 1, 1988 MALE	JUNE 1, 1988 FEMALE	JUNE 1, 1988 TOTAL	JUNE 1, 1989 MALE	JUNE 1, 1989 FEMALE	JUNE 1, 1989 TOTAL
0	20,800	19,900	40,700	21,300	20,500	41,800
1	21,100	20,100	41,200	21,000	20,100	41,100
2	21,300	20,200	41,500	21,300	20,200	41,500
3	21,200	20,000	41,200	21,400	20,300	41,700
4	21,200	19,900	41,100	21,300	20,100	41,400
0-4	105,600	100,100	205,700	106,200	101,200	207,400
5	20,700	19,600	40,300	21,300	20,000	41,300
6	20,100	19,300	39,400	20,800	19,700	40,500
7	19,500	18,500	38,000	20,200	19,200	39,400
8	18,900	18,000	36,900	19,600	18,600	38,200
9	18,500	17,500	36,000	19,000	18,100	37,100
5-9	97,700	92,900	190,600	100,800	95,600	196,400
10	18,300	17,000	35,300	18,600	17,500	36,100
11	18,100	17,200	35,300	18,300	17,100	35,400
12	18,000	17,100	35,100	18,200	17,300	35,500
13	17,500	16,700	34,200	18,000	17,100	35,100
14	17,100	16,400	33,500	17,600	16,800	34,400
10-14	89,000	84,400	173,400	90,600	85,800	176,400
15	17,600	16,700	34,300	17,200	16,500	33,700
16	18,100	16,900	35,000	17,700	16,800	34,500
17	19,000	18,000	37,000	18,200	17,100	35,200
18	18,900	18,400	37,300	19,300	18,300	37,600
19	18,800	18,500	37,300	19,300	19,000	38,300
15-19	92,400	88,500	180,900	91,600	87,700	179,200
20	19,300	19,000	38,300	19,000	18,900	38,000
21	19,300	19,300	38,600	19,100	19,000	38,100
22	19,700	19,700	39,400	19,500	19,500	39,000
23	21,400	21,500	42,900	19,900	20,000	39,900
24	23,000	23,000	46,000	21,700	21,900	43,500
20-24	102,700	102,500	205,200	99,100	99,300	198,500
25	23,700	24,200	47,900	23,100	23,200	46,300
26	24,100	24,300	48,400	23,800	24,400	48,200
27	25,000	24,700	49,700	24,200	24,500	48,600
28	25,500	24,700	50,200	25,000	24,900	49,900
29	25,400	24,600	50,000	25,500	24,900	50,400
25-29	123,700	122,500	246,200	121,500	121,900	243,400

SEE NOTES AT END OF TABLE.

TABLE 6 (CONTINUED)
POPULATION BY AGE AND SEX
ALBERTA, 1988 AND 1989

AGE	JUNE 1, 1988 MALE	JUNE 1, 1988 FEMALE	JUNE 1, 1988 TOTAL	JUNE 1, 1989 MALE	JUNE 1, 1989 FEMALE	JUNE 1, 1989 TOTAL
30	25,500	24,200	49,700	25,300	24,700	50,000
31	25,100	23,700	48,800	25,500	24,300	49,800
32	24,600	23,400	48,000	25,000	23,800	48,800
33	24,400	22,600	47,000	24,500	23,500	48,100
34	23,100	21,700	44,800	24,200	22,600	46,800
30-34	122,700	115,600	238,300	124,500	118,800	243,300
35	21,800	20,600	42,400	23,000	21,700	44,700
36	20,400	19,100	39,500	21,600	20,600	42,200
37	19,500	18,700	38,200	20,300	19,100	39,400
38	19,100	18,000	37,100	19,600	18,700	38,400
39	18,200	17,500	35,700	19,100	18,000	37,100
35-39	99,000	93,900	192,900	103,600	98,100	201,800
40	18,300	17,800	36,100	18,200	17,500	35,700
41	18,100	17,600	35,700	18,100	17,800	36,000
42	14,900	14,400	29,300	18,000	17,600	35,600
43	14,400	13,700	28,100	14,700	14,400	29,100
44	14,100	13,300	27,400	14,300	13,700	28,000
40-44	79,800	76,800	156,600	83,400	80,900	164,300
45	13,500	13,200	26,700	14,000	13,300	27,200
46	12,400	11,900	24,300	13,400	13,100	26,500
47	12,100	11,600	23,700	12,300	11,800	24,200
48	11,500	10,900	22,400	12,000	11,600	23,600
49	11,000	10,600	21,600	11,400	10,900	22,300
45-49	60,500	58,200	118,700	63,200	60,500	123,700
50	10,700	10,200	20,900	10,900	10,600	21,500
51	10,400	10,000	20,400	10,600	10,100	20,700
52	10,500	10,100	20,600	10,300	10,000	20,200
53	10,300	9,700	20,000	10,400	10,000	20,400
54	10,100	9,400	19,500	10,200	9,600	19,800
50-54	52,000	49,400	101,400	52,300	50,200	102,600
55	10,200	9,600	19,800	10,000	9,300	19,300
56	10,000	9,300	19,300	10,100	9,500	19,600
57	9,900	9,400	19,300	9,800	9,200	19,000
58	9,800	9,400	19,200	9,800	9,300	19,100
59	9,200	8,800	18,000	9,700	9,300	19,000
55-59	49,100	46,500	95,600	49,300	46,600	96,000

SEE NOTES AT END OF TABLE.

TABLE 6 (CONCLUDED)
POPULATION BY AGE AND SEX
ALBERTA, 1988 AND 1989

	JUNE 1, 1988			JUNE 1, 1989		
AGE	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
60	8,800	8,700	17,500	9,000	8,700	17,700
61	8,400	8,400	16,800	8,700	8,600	17,200
62	8,200	8,400	16,600	8,300	8,400	16,700
63	7,700	8,100	15,800	8,000	8,300	16,300
64	7,300	8,200	15,500	7,600	8,200	15,800
60-64	40,400	41,800	82,200	41,600	42,200	83,800
65	7,100	7,900	15,000	7,100	7,900	15,100
66	7,100	8,100	15,200	7,000	7,900	14,900
67	6,800	7,500	14,300	6,900	8,100	15,000
68	6,400	7,500	13,900	6,600	7,400	14,000
69	5,400	6,500	11,900	6,200	7,400	13,600
65-69	32,800	37,500	70,300	33,900	38,700	72,600
70	5,300	6,200	11,500	5,300	6,400	11,700
71	5,000	6,100	11,100	5,100	6,100	11,200
72	4,800	5,900	10,700	4,800	6,000	10,800
73	4,800	5,900	10,700	4,700	5,800	10,500
74	4,300	5,700	10,000	4,600	5,800	10,300
70-74	24,200	29,800	54,000	24,400	30,000	54,400
75	3,900	5,100	9,000	4,200	5,500	9,700
76	3,600	4,700	8,300	3,700	5,000	8,700
77	3,300	4,400	7,700	3,400	4,600	7,900
78	3,000	4,100	7,100	3,100	4,200	7,300
79	2,700	3,700	6,400	2,800	3,900	6,700
75-79	16,500	22,000	38,500	17,100	23,200	40,300
80	2,500	3,600	6,100	2,600	3,600	6,100
81	2,200	3,200	5,400	2,300	3,400	5,800
82	2,000	2,900	4,900	2,000	3,100	5,100
83	1,800	2,800	4,600	1,800	2,700	4,600
84	1,600	2,400	4,000	1,600	2,600	4,300
80-84	10,100	14,900	25,000	10,400	15,500	25,800
85	1,400	2,100	3,500	1,500	2,200	3,700
86	1,100	1,700	2,800	1,200	1,900	3,100
87	1,000	1,600	2,600	1,000	1,600	2,600
88	700	1,400	2,100	800	1,400	2,300
89	600	1,100	1,700	600	1,300	1,900
85-89	4,800	7,900	12,700	5,100	8,400	13,600
90+	2,100	4,400	6,500	2,200	4,700	6,900
TOTAL	1,205,300	1,189,700	2,395,000	1,220,900	1,209,300	2,430,200

NOTES: AGE AND SEX DISTRIBUTION ARE BASED ON ALBERTA HEALTH CARE REGISTRATIONS.
DATA MAY NOT ADD TO TOTALS DUE TO ROUNDING.
DATA CAN BE RETRIEVED VIA ASIST MATRIX 6140.

METHODOLOGY

METHODOLOGY

Introduction

Since 1977 the Alberta Bureau of Statistics has prepared quarterly population estimates to provide up-to-date information on Alberta's population. These estimates are derived using information from administrative data files obtained from the following government agencies:

1) birth and death registrations from Vital Statistics Section, Alberta Health;
2) family allowance transfer counts from Income Security Branch, Health and Welfare Canada;
3) immigration statistics from Employment and Immigration Canada;
4) migration adjustment factors and population estimates for other provinces from Demography Division, Statistics Canada; and
5) health care registration data from Alberta Health.

The final estimates are produced using a component method. A description of the basic methodology and the procedures used in estimating each of the population growth components, as well as the age-sex structure is presented in the following sections.

The Component Method

The component method of estimating quarterly population growth employs the population of a previous quarter as a base, and adds the natural increase plus net migration to derive the population estimates for the following quarter. Natural increase is obtained by subtracting deaths from births. Net migration is obtained by aggregating net interprovincial (in-migration minus out-migration) and net international migration (immigration minus emigration). Net migration and natural increase are then combined to derive an estimate of population growth.

Natural Increase

Natural increase is calculated as the difference between the number of births and the number of deaths that occurred during a specific quarter. Preliminary estimates on births and deaths are produced using birth and death rates. The average quarterly crude birth rate and the crude death rate of the preceding year are applied to the estimated provincial population at the beginning of the period to derive the estimated number of births and deaths. These estimates are then replaced by actual counts in the next quarterly report when data are available from the Vital Statistics Section, Alberta Health. These figures for births and deaths are 98% accurate. At the end of the year, the figures are further revised to include late registrations and out-of-province births and deaths.

Interprovincial Migration

Net interprovincial migration is derived as the balance of in-migration to and out-migration from the province.

To obtain preliminary estimates of interprovincial migration, family allowance transfer of accounts are used in conjunction with the latest adjustment factors and adult-child ratios. Since family allowance cheques are mailed to families monthly, there is incentive for these families to report any change in their address. The time lag in reporting such change is usually very small. Over the years family allowance transfer of accounts data have been an accurate source of the movements of children among the provinces.

The procedures used in estimating interprovincial migration for Alberta are further improved by incorporating additional information from tax records migration data. The adult-child ratios as well as adjustment factors for in and out-migration are used in the computation to derive an estimate of adult migration.

Immigration

The estimate of immigration is first produced on a preliminary, basis and then revised when immigration statistics become available. Preliminary estimates are derived taking into consideration the expected number of immigrants to be admitted to Canada in a certain year as announced by Employment and Immigration Canada. Based on the historical immigration records, a ratio is derived to estimate Alberta's share of the total immigrants coming to Canada.

The final estimate of immigrants coming to Alberta is based on statistics compiled from immigration papers which each immigrant submits to the Canadian authority at the port of entry. The immigration papers contain information on the intended place of destination and the place of origin of the immigrant. Since this information is available monthly, the quarterly estimate of immigrants intending to come to Alberta can be calculated. These revised figures are obtained by the subsequent quarter and thus the current quarterly publication updates the previous preliminary estimates.

Emigration

Emigration estimates are derived from a method developed by Statistics Canada in which an adjustment factor is developed from emigration information retrieved from personal income tax files. This adjustment factor is applied to the number of family allowance accounts which have been transferred out of the country during the quarter to obtain the emigration estimate. An adult-child ratio based on latest June 1 population count is then applied to estimate the number of adult emigrants. The sum of estimated adult emigrants and child emigrants, as indicated by family allowance data, equals to the total number of estimated emigrants.

Age-Sex Structure

Age and sex distributions for the January 1 and June 1 estimated population are derived by applying the proportionate age and sex distributions as recorded in the Alberta Health Care Insurance Plan (AHCIP) Master Registration File. Although the health care records are subject to certain limitations such as reporting error, time lags and administrative changes, the age and sex distributions of registrants have proven to accurately reflect the most current age-sex structure of the Alberta population.

GLOSSARY

Birth Rate, or Crude Birth Rate - the number of births in a year divided by the total population.

Child Dependency Ratio - the ratio of children under 15 to working-age persons between the ages of 15 to 64.

Death Rate, or crude Death Rate - the number of deaths in a year divided by the total population.

Emigration - the migration of population out of a country to another country.

Fertility - the contribution of births to population change.

Immigration - the migration of population into a country from another country.

In-migration - the migration of population into a geographical area.

Median Age - the age at which the population is divided into equal halves, such that one half of the population is older than the median age and the other half of the population is younger than the median age.

Migration - a permanent change of residence from one geographical area to another.

Natural Increase - the net contribution of births less deaths to population change.

Net Migration - the difference between in-migration and out-migration for a geographical area.

Old Age Dependency Ratio - The ratio of persons aged 65 years and over to working-age persons between the ages of 15 and 64.

Out-migration - the migration of population out of a geographical area.

Sex Ratio - the proportion of males to females in a population.